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=> s hpv16
L1 8570 HPV16

=> s hpv-16
L2 17585 HPV-16

=> s l1 or l2
L3 24533 L1 OR L2

=> s l3 and sirna
L4 100 L3 AND SIRNA

=> dup rem l4
PROCESSING COMPLETED FOR L4
L5 34 DUP REM L4 (66 DUPLICATES REMOVED)

=> d 1-34 ti

L5 ANSWER 1 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI The large and small isoforms of human papillomavirus type 16 E6 bind to
and differentially affect procaspase 8 stability and activity.

L5 ANSWER 2 OF 34 MEDLINE on STN DUPLICATE 1
TI Overexpression of human papillomavirus type 16 oncoproteins enhances
hypoxia-inducible factor 1 alpha protein accumulation and vascular
endothelial growth factor expression in human cervical carcinoma cells.

L5 ANSWER 3 OF 34 MEDLINE on STN DUPLICATE 2
TI Increased expression of Dyrk1a in HPV16 immortalized
keratinocytes enable evasion of apoptosis.

L5 ANSWER 4 OF 34 MEDLINE on STN DUPLICATE 3
TI Suppression of cervical carcinoma cell growth by intracytoplasmic
codelivery of anti-oncoprotein E6 antibody and small interfering RNA.

L5 ANSWER 5 OF 34 MEDLINE on STN DUPLICATE 4
TI Enhancing dendritic cell vaccine potency by combining a BAK/BAX

siRNA-mediated antiapoptotic strategy to prolong dendritic cell life with an intracellular strategy to target antigen to lysosomal compartments.

- L5 ANSWER 6 OF 34 MEDLINE on STN DUPLICATE 5
TI Bid is cleaved upstream of caspase-8 activation during TRAIL-mediated apoptosis in human osteosarcoma cells.
- L5 ANSWER 7 OF 34 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
TI HPV-16 E6 siRNA associated with hIL-24 gene induces apoptosis of human cervical cancer Ca Ski cells.
- L5 ANSWER 8 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
TI HPV16 E6 RNA interference enhances cisplatin and death receptor-mediated apoptosis in human cervical carcinoma cells.
- L5 ANSWER 9 OF 34 MEDLINE on STN DUPLICATE 6
TI RNA polymerase II transcription is required for human papillomavirus type 16 E7- and hydroxyurea-induced centriole overduplication.
- L5 ANSWER 10 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
TI Application of FRET technology to the in vivo evaluation of therapeutic nucleic acids (ANTs)
- L5 ANSWER 11 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
TI Potentiation of immunity induced by DNA and transfected dendritic cell vaccines by blockage of expression of pro-apoptotic proteins by RNA interference
- L5 ANSWER 12 OF 34 MEDLINE on STN DUPLICATE 7
TI The E7 oncoprotein is translated from spliced E6*I transcripts in high-risk human papillomavirus type 16- or type 18-positive cervical cancer cell lines via translation reinitiation.
- L5 ANSWER 13 OF 34 MEDLINE on STN DUPLICATE 8
TI Short-term induction and long-term suppression of HPV16 oncogene silencing by RNA interference in cervical cancer cells.
- L5 ANSWER 14 OF 34 MEDLINE on STN DUPLICATE 9
TI HPV16E7 mediates HADC chromatin repression and downregulation of MHC class I genes in HPV16 tumorigenic cells through interaction with an MHC class I promoter.
- L5 ANSWER 15 OF 34 MEDLINE on STN DUPLICATE 10
TI Inhibition of HPV 16 E6 oncogene expression by RNA interference in vitro and in vivo.
- L5 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 11
TI Inhibition of human papillomavirus type 16 E6 gene expression with HPV16 E6 specific siRNA in cervical carcinoma cell line
- L5 ANSWER 17 OF 34 MEDLINE on STN DUPLICATE 12
TI Induction of cell death in human papillomavirus 18-positive cervical cancer cells by E6 siRNA.
- L5 ANSWER 18 OF 34 MEDLINE on STN DUPLICATE 13
TI Inhibition of HPV16 E6 oncogene in cervical cancer by RNA interference.
- L5 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
TI Nucleic acids comprising complementary sense and antisense sequences followed by a cis-acting ribozyme sequence, for RNA interference and for use as antiviral agents

L5 ANSWER 20 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Inhibition of HPV16 E6 oncogene in cervical cancer by RNA interference in nude mice

L5 ANSWER 21 OF 34 MEDLINE on STN DUPLICATE 14
 TI The inhibitory effects of siRNA expression vector on the expression of human papillomavirus E6 gene.

L5 ANSWER 22 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Modification of professional antigen-presenting cells with small interfering RNA in vivo to enhance cancer vaccine potency.

L5 ANSWER 23 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI VX-680, a small molecule inhibitor of Aurora kinases, induces endoreduplication and apoptosis preferentially in p53 and p21 Waf1/Cip1-deficient cells.

L5 ANSWER 24 OF 34 MEDLINE on STN DUPLICATE 15
 TI Proteomic analysis of anti-cancer effects by paclitaxel treatment in cervical cancer cells.

L5 ANSWER 25 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI A bi-functional siRNA construct induces RNA interference and also primes PCR amplification for its own quantification.

L5 ANSWER 26 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Human papillomavirus 18 and 16 gene E6-specific siRNAs for the treatment of HPV-related tumors

L5 ANSWER 27 OF 34 MEDLINE on STN DUPLICATE 16
 TI Cyclin-dependent kinase inhibitor indirubin-3'-oxime selectively inhibits human papillomavirus type 16 E7-induced numerical centrosome anomalies.

L5 ANSWER 28 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Inhibition of HPV16 E6 oncogene by RNA interference in vitro and in vivo.

L5 ANSWER 29 OF 34 MEDLINE on STN DUPLICATE 17
 TI Inhibitory effect of RNA interference on expression of HPV16 E6 oncogene in cervical cancer cell line CaSki.

L5 ANSWER 30 OF 34 MEDLINE on STN DUPLICATE 18
 TI Advances in the development of therapeutic nucleic acids against cervical cancer.

L5 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Selective post-transcriptional silencing of oncogene in mammalian cells by siRNA for therapy

L5 ANSWER 32 OF 34 MEDLINE on STN DUPLICATE 19
 TI Human papillomavirus type 16 E6 activates TERT gene transcription through induction of c-Myc and release of USF-mediated repression.

L5 ANSWER 33 OF 34 MEDLINE on STN DUPLICATE 20
 TI In vitro and in vivo growth suppression of human papillomavirus 16-positive cervical cancer cells by E6 siRNA.

L5 ANSWER 34 OF 34 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN

TI Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference

=> d 34

L5 ANSWER 34 OF 34 SCISEARCH COPYRIGHT (c) 2007 The Thomson Corporation on STN
AN 2002:733005 SCISEARCH
GA The Genuine Article (R) Number: 587YF
TI Selective silencing of viral gene expression in HPV-positive human cervical carcinoma cells treated with siRNA, a primer of RNA interference
AU Jiang M; Milner J (Reprint)
CS Univ York, Dept Biol, YCR P53 Res Grp, York YO10 5DD, N Yorkshire, England (Reprint)
CYA England
SO ONCOGENE, (5 SEP 2002) Vol. 21, No. 39, pp. 6041-6048.
ISSN: 0950-9232.
PB NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND.
DT Article; Journal
LA English
REC Reference Count: 26
ED Entered STN: 20 Sep 2002
Last Updated on STN: 20 Sep 2002
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> d 33

L5 ANSWER 33 OF 34 MEDLINE on STN DUPLICATE 20
AN 2003522644 MEDLINE
DN PubMed ID: 14599809
TI In vitro and in vivo growth suppression of human papillomavirus 16-positive cervical cancer cells by E6 siRNA.
AU Yoshinouchi Mitsuo; Yamada Taketo; Kizaki Masahiro; Fen Jin; Koseki Takeyoshi; Ikeda Yasuo; Nishihara Tatsuji; Yamato Kenji
CS Department of Obstetrics and Gynecology, Okayama University Medical School, 700-8558, Okayama, Japan.
SO Molecular therapy : the journal of the American Society of Gene Therapy, (2003 Nov) Vol. 8, No. 5, pp. 762-8.
Journal code: 100890581. ISSN: 1525-0016.
CY United States
DT (IN VITRO)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200401
ED Entered STN: 6 Nov 2003
Last Updated on STN: 24 Jan 2004
Entered Medline: 23 Jan 2004

=> d 31

L5 ANSWER 31 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2003:76912 CAPLUS
DN 138:131091
TI Selective post-transcriptional silencing of oncogene in mammalian cells by siRNA for therapy
IN Milner, Anne Josephine

PA UK
 SO PCT Int. Appl., 44 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003008573	A2	20030130	WO 2002-GB3300	20020717
	WO 2003008573	A3	20030717		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2452653	A1	20030130	CA 2002-2452653	20020717
	AU 2002317970	A1	20030303	AU 2002-317970	20020717
	EP 1432799	A2	20040630	EP 2002-747580	20020717
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2004535813	T	20041202	JP 2003-514890	20020717
	US 2004235171	A1	20041125	US 2004-484101	20040622
PRAI	GB 2001-17358	A	20010717		
	GB 2002-688	A	20020114		
	GB 2002-13855	A	20020617		
	WO 2002-GB3300	W	20020717		

=> d 30

L5 ANSWER 30 OF 34 MEDLINE on STN DUPLICATE 18
 AN 2004364721 MEDLINE
 DN PubMed ID: 15268660
 TI Advances in the development of therapeutic nucleic acids against cervical cancer.
 AU DiPaolo Joseph A; Alvarez-Salas Luis M
 CS Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, MD 20894, USA.. jd81a@nih.gov
 SO Expert opinion on biological therapy, (2004 Aug) Vol. 4, No. 8, pp. 1251-64. Ref: 139
 Journal code: 101125414. E-ISSN: 1744-7682.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 General Review; (REVIEW)
 LA English
 FS Priority Journals
 EM 200507
 ED Entered STN: 23 Jul 2004
 Last Updated on STN: 19 Jul 2005
 Entered Medline: 18 Jul 2005

=> d 28

L5 ANSWER 28 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 AN 2005:358503 BIOSIS
 DN PREV200510145603

TI Inhibition of HPV16 E6 oncogene by RNA interference in vitro and in vivo.
 AU Niu, Xiaoyu [Reprint Author]
 CS Sichuan Univ, Huaxi Hosp 2, Chengdu 610064, Sichuan Prov, Peoples R China
 SO Cancer Epidemiology Biomarkers & Prevention, (NOV 2004) Vol. 13, No. 11, Part 2, pp. 1841S.
 Meeting Info.: 3rd Annual Conference on Frontiers in Cancer Preventive Research. Seattle, WA, USA. October 16 -20, 2004. Amer Assoc Canc Res. ISSN: 1055-9965.
 DT Conference; (Meeting)
 Conference; (Meeting Poster)
 LA English
 ED Entered STN: 14 Sep 2005
 Last Updated on STN: 14 Sep 2005

=> d 8

L5 ANSWER 8 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 AN 2007:298877 BIOSIS
 DN PREV200700304005
 TI HPV16 E6 RNA interference enhances cisplatin and death receptor-mediated apoptosis in human cervical carcinoma cells.
 AU Tan, Shinta [Reprint Author]; Hougardy, Brigitte M. t.; Schaap, Bessel; Meersma, Gert Jan; DeVries, Elizabeth G. e.; Van der Zee, Ate G. j.; De Jong, Steven
 CS Univ Groningen, Med Ctr, Groningen, Netherlands
 SO Proceedings of the American Association for Cancer Research Annual Meeting, (APR 2007) Vol. 48, pp. 296.
 Meeting Info.: 98th Annual Meeting of the American-Association-for-Cancer-Research. Los Angeles, CA, USA. April 14 -18, 2007. Amer Assoc Canc Res. ISSN: 0197-016X.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 9 May 2007
 Last Updated on STN: 9 May 2007

=> d 13

L5 ANSWER 13 OF 34 MEDLINE on STN DUPLICATE 8
 AN 2006178444 MEDLINE
 DN PubMed ID: 16369495
 TI Short-term induction and long-term suppression of HPV16 oncogene silencing by RNA interference in cervical cancer cells.
 AU Tang S; Tao M; McCoy J P Jr; Zheng Z M
 CS HIV and AIDS Malignancy Branch, Center for Cancer Research, National Cancer Institute, National Institutes of Health, Bethesda, MD 20892-1868, USA.
 NC Z01 SC010357-06 (NCI)
 SO Oncogene, (2006 Mar 30) Vol. 25, No. 14, pp. 2094-104.
 Journal code: 8711562. ISSN: 0950-9232.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, N.I.H., INTRAMURAL)
 LA English
 FS Priority Journals
 EM 200606
 ED Entered STN: 31 Mar 2006
 Last Updated on STN: 27 Jun 2006
 Entered Medline: 26 Jun 2006

=> d 15

L5 ANSWER 15 OF 34 MEDLINE on STN DUPLICATE 10
AN 2006257874 MEDLINE
DN PubMed ID: 16681755
TI Inhibition of HPV 16 E6 oncogene expression by RNA
interference in vitro and in vivo.
AU Niu X-Y; Peng Z-L; Duan W-Q; Wang H; Wang P
CS Department of Obstetrics and Gynecology, Sichuan University Huaxi the
Second Hospital, Chengdu, Sichuan Province, China.
SO International journal of gynecological cancer : official journal of the
International Gynecological Cancer Society, (2006 Mar-Apr) Vol. 16, No. 2,
pp. 743-51.
Journal code: 9111626. ISSN: 1048-891X.
CY United States
DT (IN VITRO)
Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
LA English
FS Priority Journals
EM 200610
ED Entered STN: 10 May 2006
Last Updated on STN: 13 Oct 2006
Entered Medline: 12 Oct 2006

=> d 16

L5 ANSWER 16 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 11
AN 2007:765339 CAPLUS
TI Inhibition of human papillomavirus type 16 E6 gene expression with
HPV16 E6 specific siRNA in cervical carcinoma cell line
AU Luan, Yi; Yu, Xiuping; Zhao, Weiming; Zhou, Yabin; Bai, Xiaohui
CS School of Medicine, Shandong University, Jinan, 250012, Peop. Rep. China
SO Zhonghua Weishengwuxue He Mianyixue Zazhi (2006), 26(7), 598-602
CODEN: ZWMZDP; ISSN: 0254-5101
PB Beijing Shengwu Zhipin Yanjiuso
DT Journal
LA Chinese

=> d 19

L5 ANSWER 19 OF 34 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:161050 CAPLUS
DN 142:255791
TI Nucleic acids comprising complementary sense and antisense sequences
followed by a cis-acting ribozyme sequence, for RNA interference and for
use as antiviral agents
IN Clawson, Gary A.; Pan, Wei-hua; Xin, Ping
PA The Penn State Research Foundation, USA
SO PCT Int. Appl., 114 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005017127	A2	20050224	WO 2004-US5400	20040223
	WO 2005017127	A3	20060406		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2004265550	A1	20050224	AU 2004-265550	20040223
CA 2516425	A1	20050224	CA 2004-2516425	20040223
EP 1611231	A2	20060104	EP 2004-775796	20040223
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006523103	T	20061012	JP 2006-508809	20040223
US 2006269530	A1	20061130	US 2005-552914	20051013
PRAI US 2003-449066P	P	20030221		
WO 2004-US5400	A	20040223		

=> d 25

L5 ANSWER 25 OF 34 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on
 STN
 AN 2006:73522 BIOSIS
 DN PREV200600074598
 TI A bi-functional siRNA construct induces RNA interference and
 also primes PCR amplification for its own quantification.
 AU Jiang, Ming; Arzumanov, Andrey A.; Gait, Michael J.; Milner, Jo [Reprint
 Author]
 CS Univ York, Dept Biol, YCR Res Lab P53, York YO10 5DD, N Yorkshire, UK
 ajm24@york.ac.uk
 SO Nucleic Acids Research, (2005) Vol. 33, No. 18.
 CODEN: NARHAD. ISSN: 0305-1048.
 DT Article
 LA English
 ED Entered STN: 19 Jan 2006
 Last Updated on STN: 19 Jan 2006

=> FIL STNGUIDE

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SINCE FILE

TOTAL

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SESSION

FULL ESTIMATED COST

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Aug 17, 2007 (20070817/UP).

SILENCING OF GENE EXPRESSION**Publication number:** WO03008573**Publication date:** 2003-01-30**Inventor:** MILNER ANNE JOSEPHINE (GB)**Applicant:** MILNER ANNE JOSEPHINE (GB)**Classification:**

- International: *C12N15/09; A61K31/7105; A61P15/00; A61P31/16; A61P31/18; A61P35/00; C12N5/10; C12N15/11; A61K38/00; C12N15/09; A61K31/7105; A61P15/00; A61P31/00; A61P35/00; C12N5/10; C12N15/11; A61K38/00; (IPC1-7): C12N15/00*

- European: C12N15/11B1

Application number: WO2002GB03300 20020717

Priority number(s): GB20010017358 20010717; GB20020000688 20020114; GB20020013855 20020617

Also published as:

WO03008573 (A3)
EP1432799 (A3)
EP1432799 (A2)
US2004235171 (A1)
EP1432799 (A0)

more >>

Cited documents:

WO0063364
WO0044895
XP002208683
XP002206451

Report a data error here**Abstract of WO03008573**

The present invention relates to a method of selective post-transcriptional silencing in a mammalian cell of the expression of an exogenous gene of viral origin. The method comprises introducing an siRNA construct into a mammalian cell where the siRNA construct is homologous to a part of the mRNA sequence of the exogenous gene. The invention also comprises an siRNA construct with a nucleotide sequence which is homologous to a part of the mRNA sequence of an exogenous gene of viral origin and to the use of such a construct as a medicament.

Data supplied from the **esp@cenet** database - Worldwide

RNA INTERFERENCE COMPOSITIONS AND METHODS**Publication number:** WO2005017127**Publication date:** 2005-02-24**Inventor:** CLAWSON GARY A (US); PAN WEI-HUA (US); XIN PING (US)**Applicant:** PENN STATE RES FOUND (US); CLAWSON GARY A (US); PAN WEI-HUA (US); XIN PING (US)**Classification:****- International:** **A61K31/19; A61K31/60; A61K45/06; C12N15/11; A61K38/00; A61K31/185; A61K31/60; A61K45/00; C12N15/11; A61K38/00; (IPC1-7): C12N****- European:** A61K31/19; A61K31/60; A61K45/06; C12N15/11B1**Application number:** WO2004US05400 20040223**Priority number(s):** US20030449066P 20030221**Also published as:**WO2005017127 (A3)
EP1611231 (A3)
EP1611231 (A2)
US2006269530 (A1)
EP1611231 (A0)
CA2516425 (A1)
AU2004265550 (A1)

less <<

Cited documents:US2002160393
US5500357
XP000567884**Report a data error here****Abstract of WO2005017127**

The invention provides isolated nucleic acids. For example, the invention provides isolated nucleic acids having at least one strand with both sense and antisense sequences that are complementary to each other. The invention also provides isolated nucleic acids having at least one strand that is a template for both sense and antisense sequences that are complementary to each other. In addition, the invention provides cells, viruses, and transgenic animals (e.g., transgenic non-human animals) containing one or more of the isolated nucleic acids provided herein as well as methods for using one or more of the isolated nucleic acids provided herein to reduce the level of an RNA (e.g., an mRNA) within a cell.

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